



**TREATMENT OF CITY WASTE WATERS THROUGH ANAEROBIC WASTE STABILIZATION PONDS**

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**Abstract:**

Investigations were carried out on pilot scale anaerobic waste stabilization ponds for the treatment of Lahore City Waste waters. Maximum efficiency in terms of BODs, COD, SS and metal removal were obtained when the pond was operated at a D. T. of 2.5 days and a loading of 0.11 kg BOD<sub>5</sub>/m<sup>3</sup>/d. No. significant increase in the removal rates were observed when the D.T. and loadings were increased to 5.0 days and 0.055 kg BOD<sub>5</sub>/m<sup>3</sup>/d. Changes in D. T. and loading also did not produced any significant effect on the removal rates of metals.

Based on the investigations carried out by IPHER on waste stabilization ponds. British consultants have recommended anaerobic WSPs as a cost effective technical solution for Lahore waste waters.

Environmental Aspects of continued pollution in river Ravi has also been discussed.

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